

**LOAD BALANCING METHOD AND APPARATUS FOR  
ETHERNET OVER SONET AND OTHER TYPES OF NETWORKS**

**Abstract**

5 A load-balanced network architecture is disclosed in which a traffic flow at a given network node is split into a plurality of parts, and the parts are distributed to respective ones of the plurality of nodes that are designated as participating in a load balancing process for the traffic flow. Each of at least a subset of the participating nodes receiving one of the parts routes at least a portion of its received part to one or more destination nodes.